



National Weather Service

Storm Data and Unusual Weather Phenomena



March 1999

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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SOUTH DAKOTA, West

SDZ013-025>026-028-031 Meade Co. Plains - Northern Foot Hills - Central Foot Hills - Central Black Hills - Pennington Plains
05 0900MST 2200MST 0 0 Heavy Snow

A strong area of low pressure centered just south of the Black Hills produced heavy snowfall along the foothills. The areas in west Rapid City and the surrounding foothills received the heaviest snow amounts with 10 to 15 inches of snow reported. Most of the region reported between 6 to 12 inches of snowfall. Nearly 200 accidents occurred in the Rapid City area...but no significant injuries were reported.

SDZ001-012>013-024>026-028>032 Harding - Butte - Meade Co. Plains - Northern Black Hills - Northern Foot Hills - Central Foot Hills - Central Black Hills - Southern Black Hills - Custer Plains - Pennington Plains - Haakon
10 0000MST 2300MST 0 3 Winter Storm

A surface low pressure system just south of the Black Hills combined with an upper level short wave over southwestern South Dakota created some locally heavy snowfall across the region. Generally, amounts ranged from 6 to 10 inches. The highest amounts were in the foothills near Sturgis, SD where up to 18 inches were reported.

SDZ001>002-012>014-025>026-030>032-043-049 Harding - Perkins - Butte - Meade Co. Plains - Ziebach - Northern Foot Hills - Central Foot Hills - Custer Plains - Pennington Plains - Haakon - Jackson - Tripp
16 1500MST 2000MST 0 0 High Wind (G63)

A surface low pressure system moving along the North and South Dakota border brought a strong cold front across the region. Winds briefly picked up behind the front with gusts to 72 mph. Two three hundred pound water tanks were blown across Highway 85 near Belle Fourche, SD, but no major damage was reported with this frontal passage.

WYOMING, Northeast

WYZ054-056>057 Gillette - Moorcroft - Wyoming Black Hills
05 1000MST 1900MST 0 0 Heavy Snow

A surface low pressure system south of the Black Hills brought wrap around snowfall into northeastern Wyoming. The Gillette area had the most precipitation with up to 12 inches reported. Interstate 90 was closed from Gillette to Sheridan because of the snowfall and the rapid accumulations that occurred at times.

WYZ054>058 Gillette - South Campbell - Moorcroft - Wyoming Black Hills - Weston
09 2200MST 10 2300MST 0 0 Winter Storm

Surface low pressure just south of the Black Hills combined with an upper level short wave to create some areas of heavy snowfall. Snow wrapped around the storm system and left Northeastern Wyoming in a favorable position for upslope precipitation. Up to 10 inches of snow fell in some places across the region. Overall amounts were generally from 4 to 8 inches.

WYZ054>055 Gillette - South Campbell
16 1500MST 1700MST 0 0 High Wind (G57)

A strong cold front swept through northeastern Wyoming creating short lived strong winds. Winds gusted up to 65 mph as the front passed through and then they decreased within the next hour.